

FIG. 1

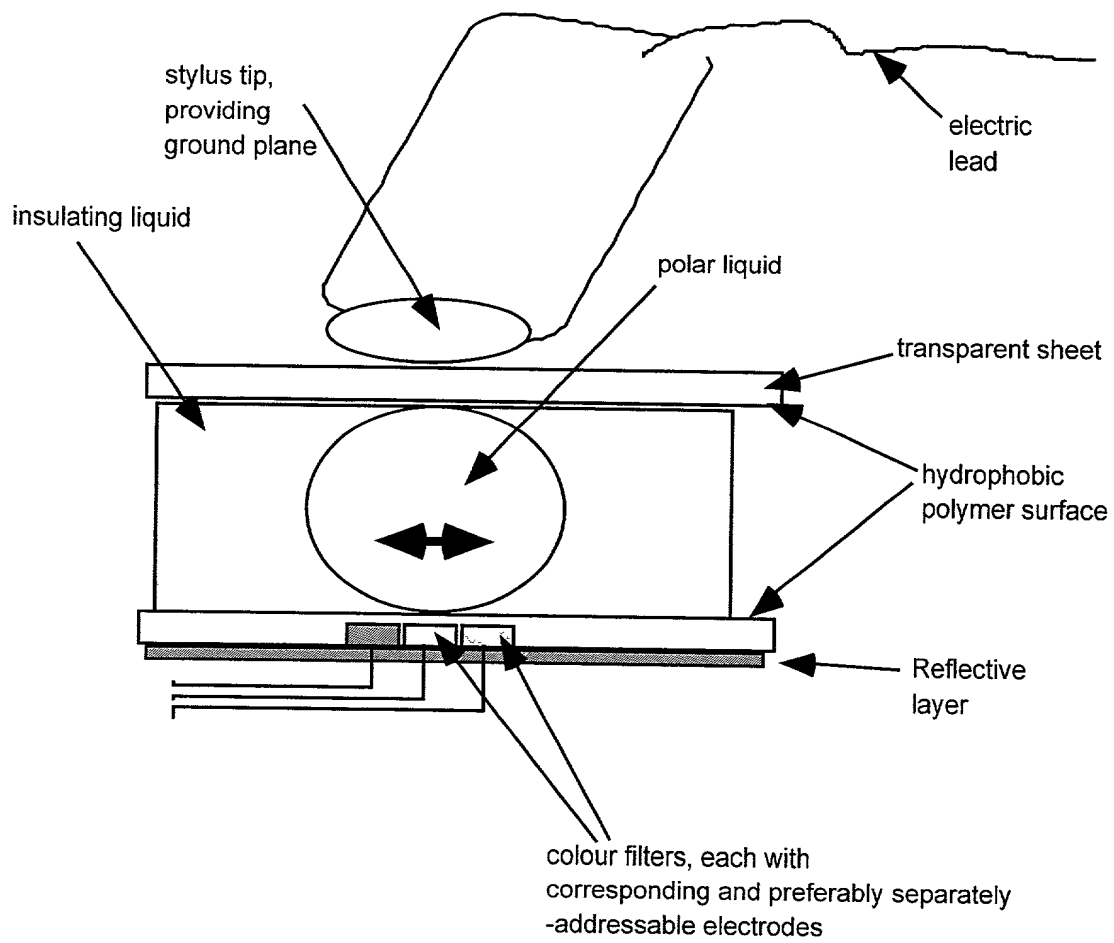


FIG. 2

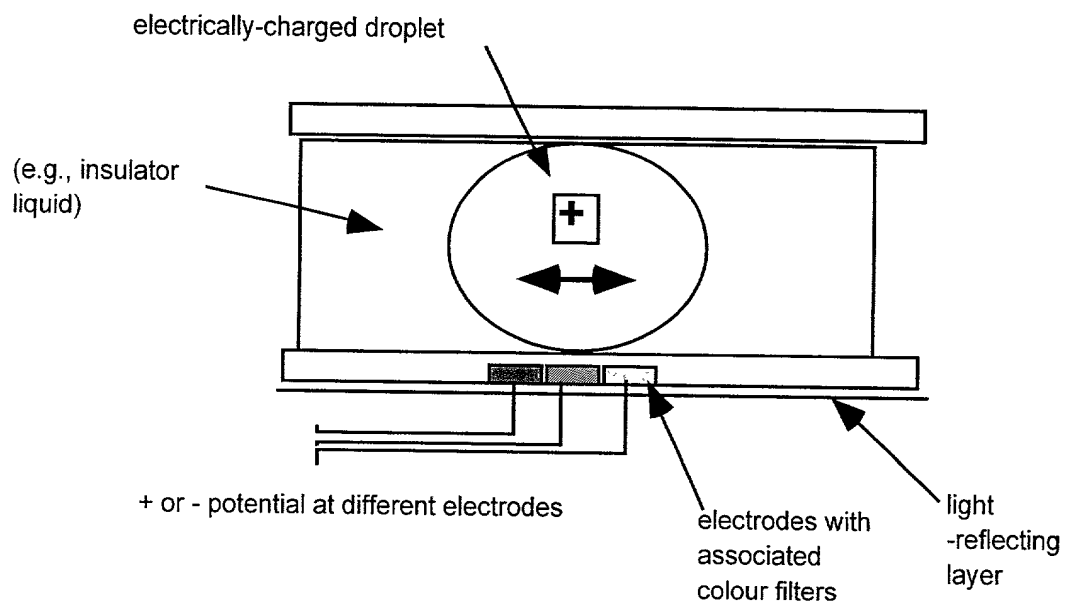


FIG. 3

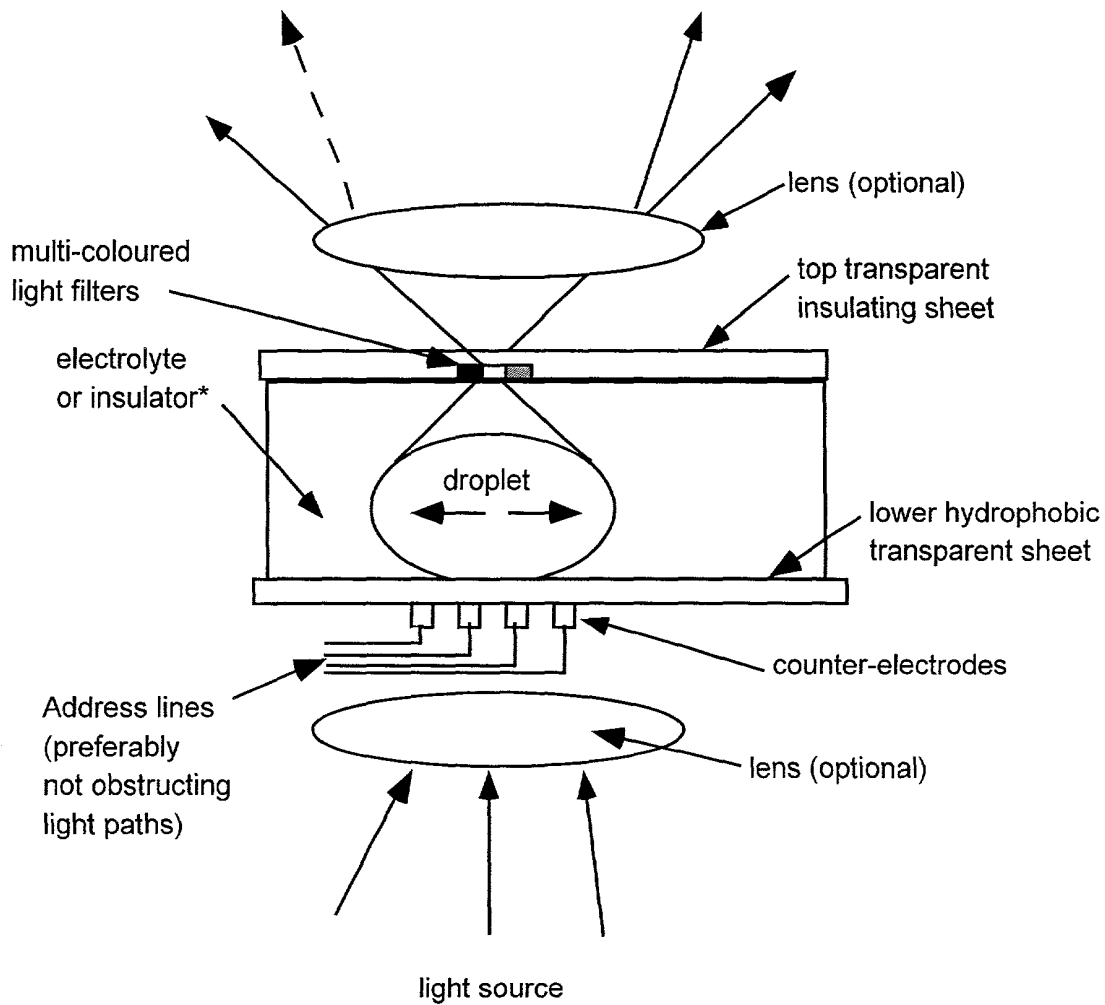


FIG. 4

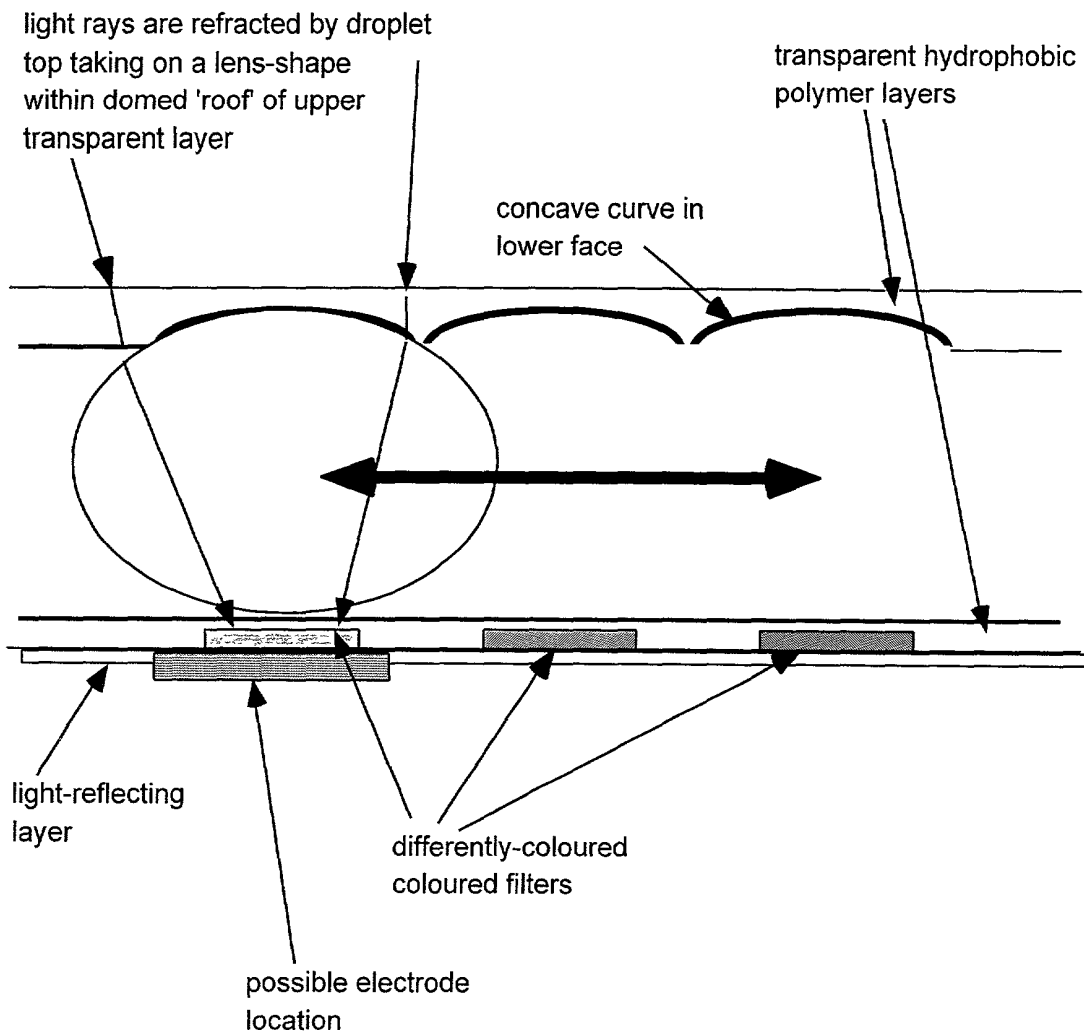


FIG 5

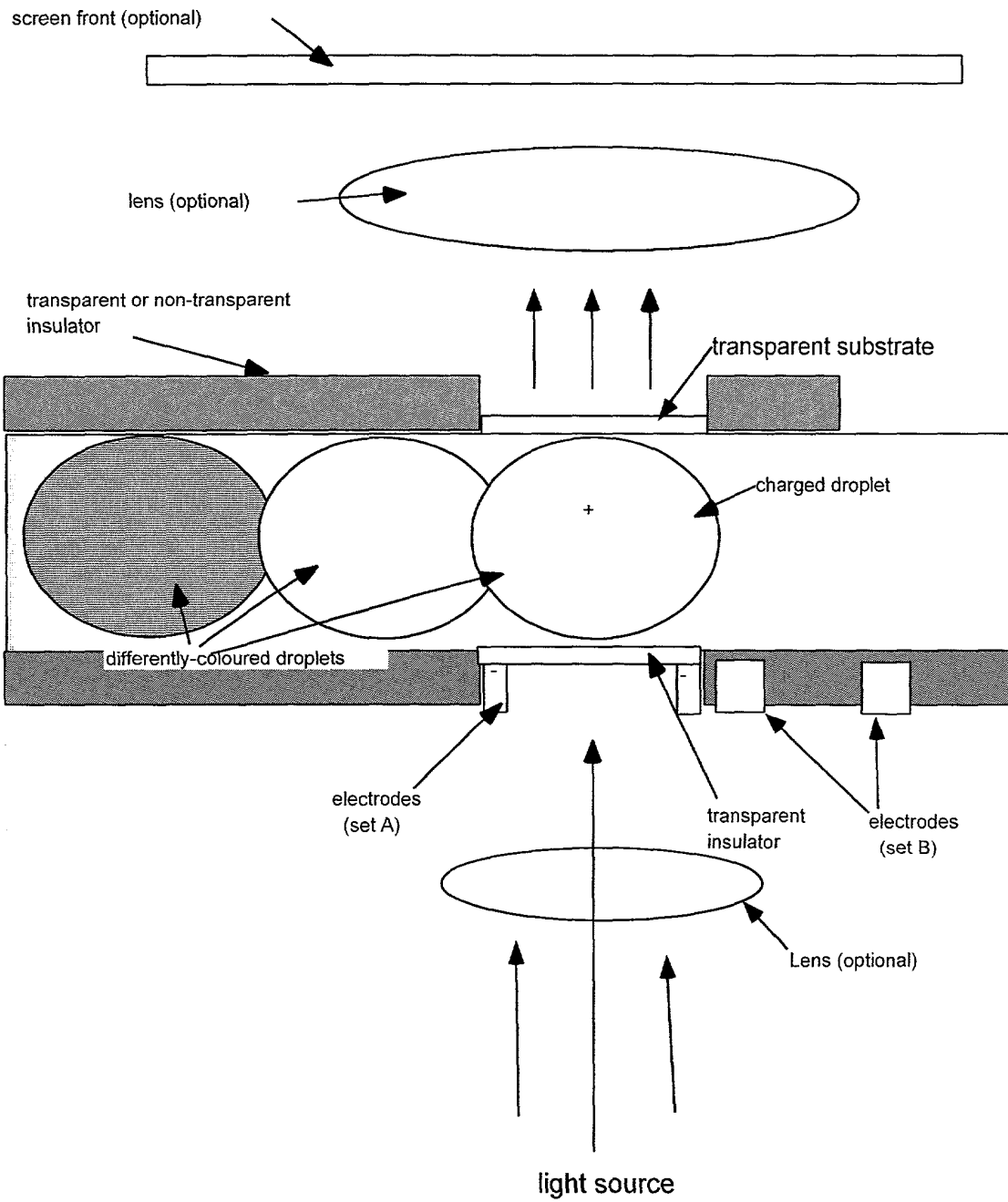


FIG. 6

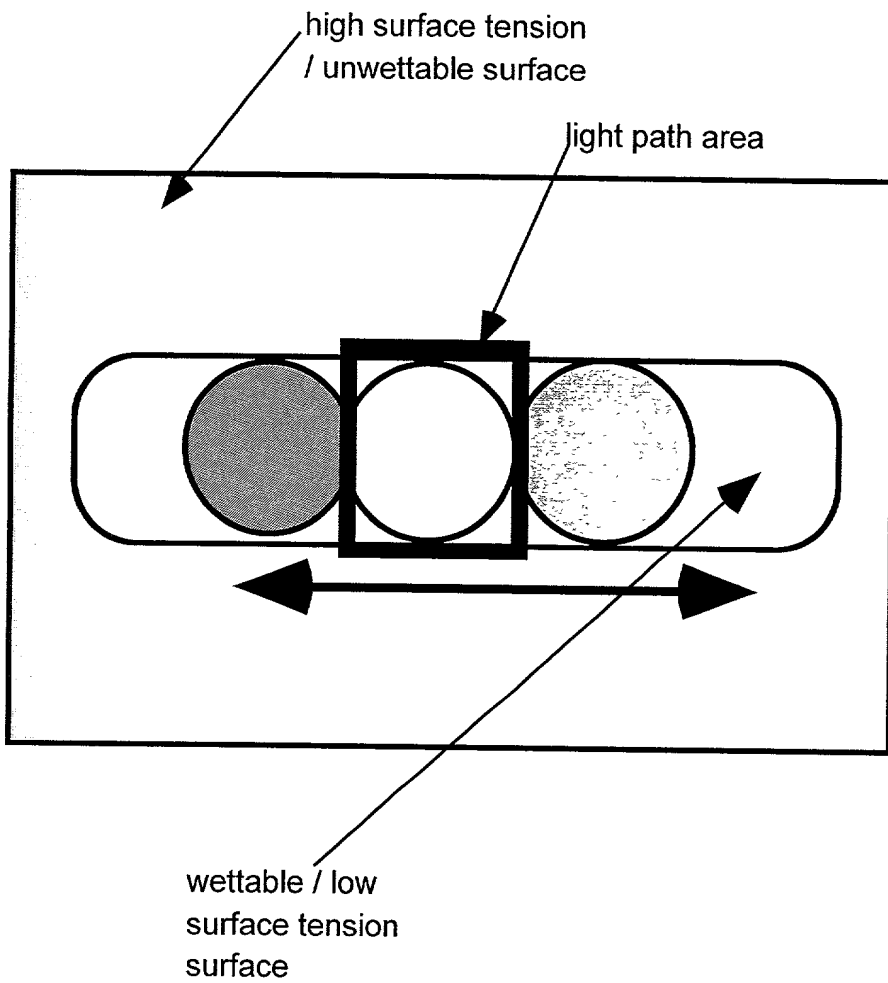
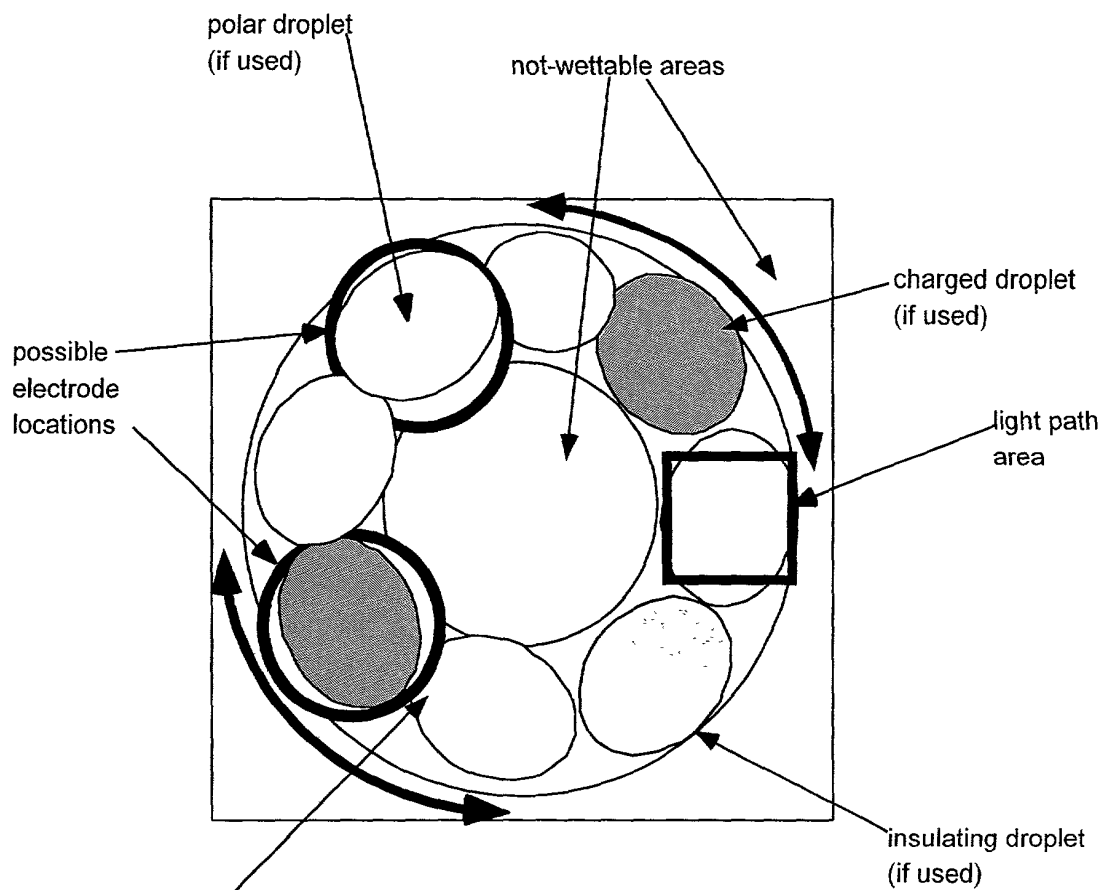


FIG. 7



differently-coloured droplets are moved around the hydrophilic (or less hydrophobic) 'track' by electrowetting or electrostatic influences affecting one or more droplets, induced by electrodes (2 of which, in possible locations, are shown)

FIG. 8



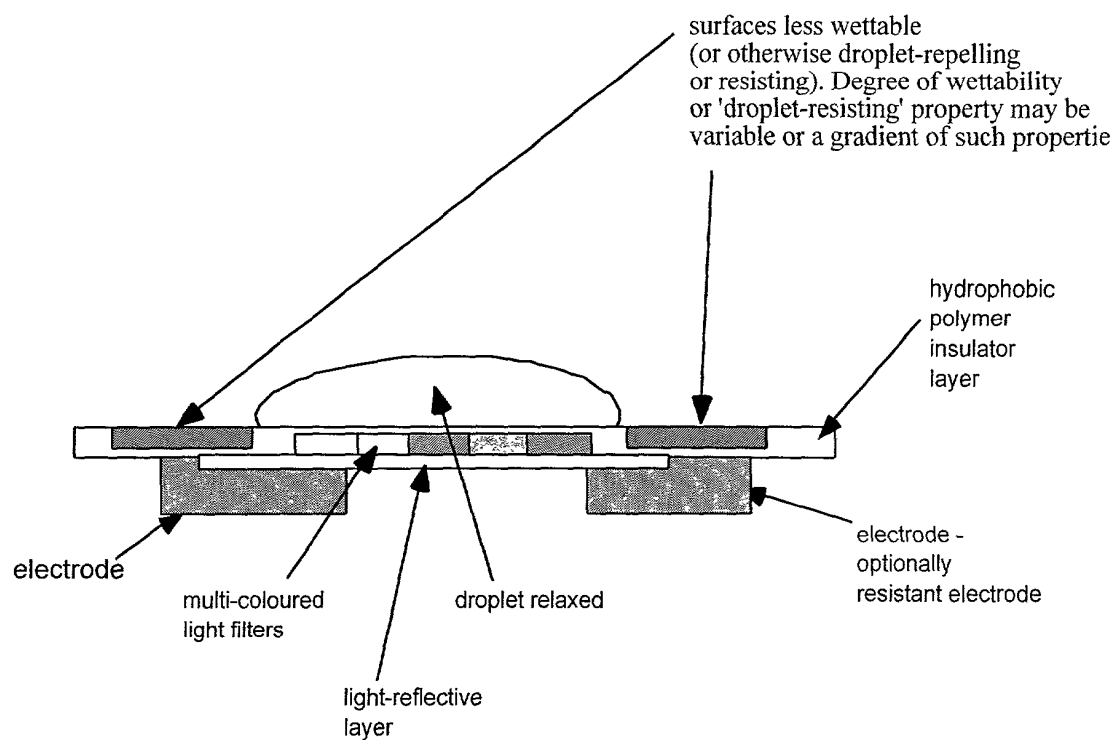


FIG. 9(a)

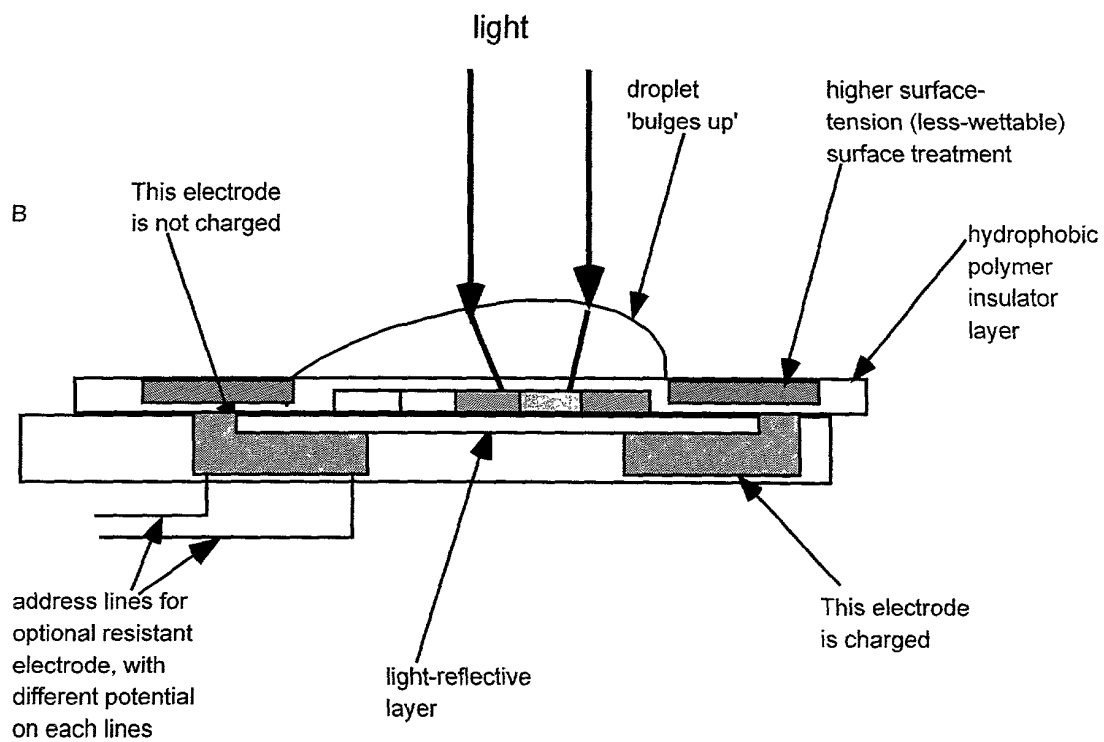


FIG. 9(b)

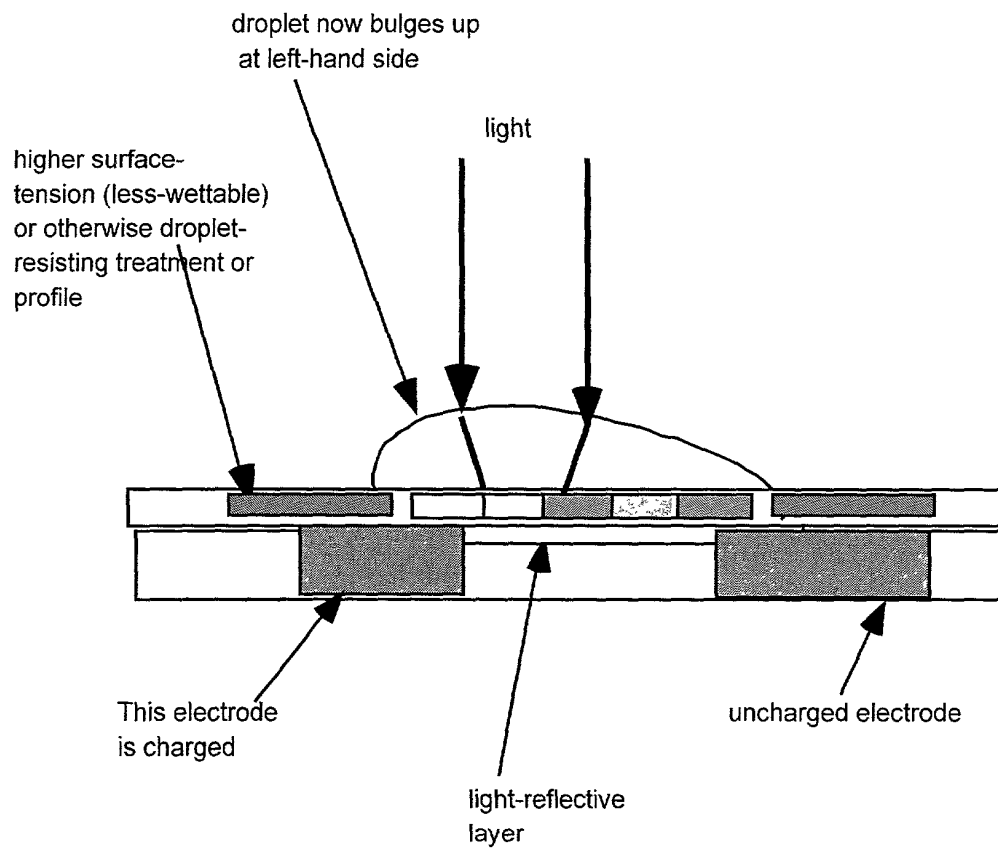


FIG. 9(c)

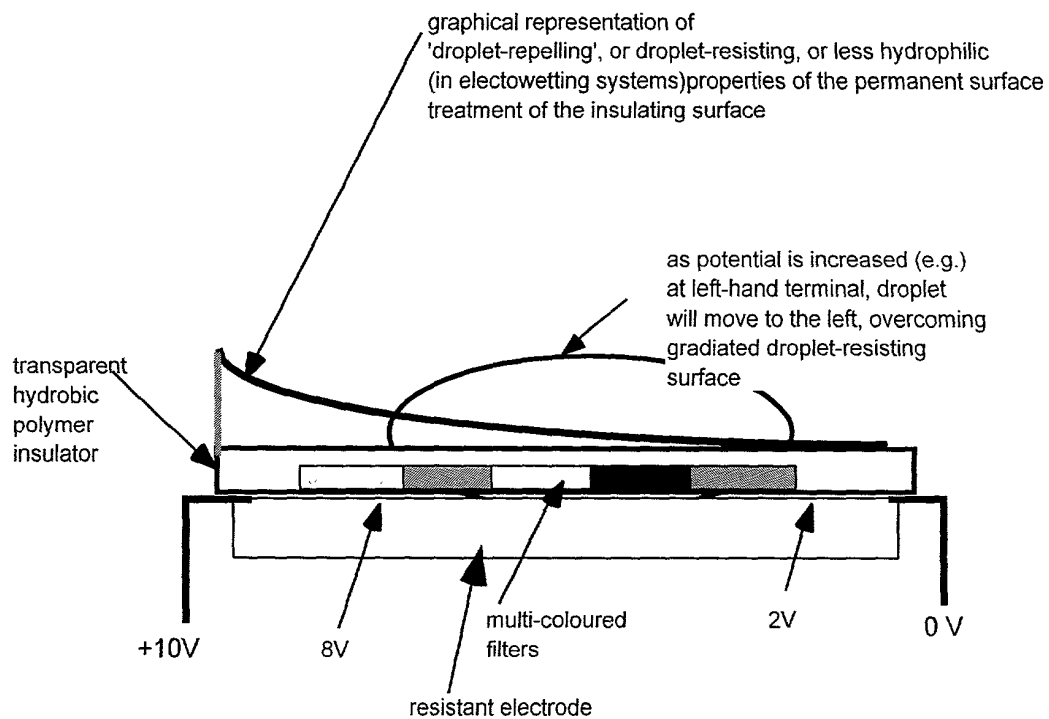


FIG. 10

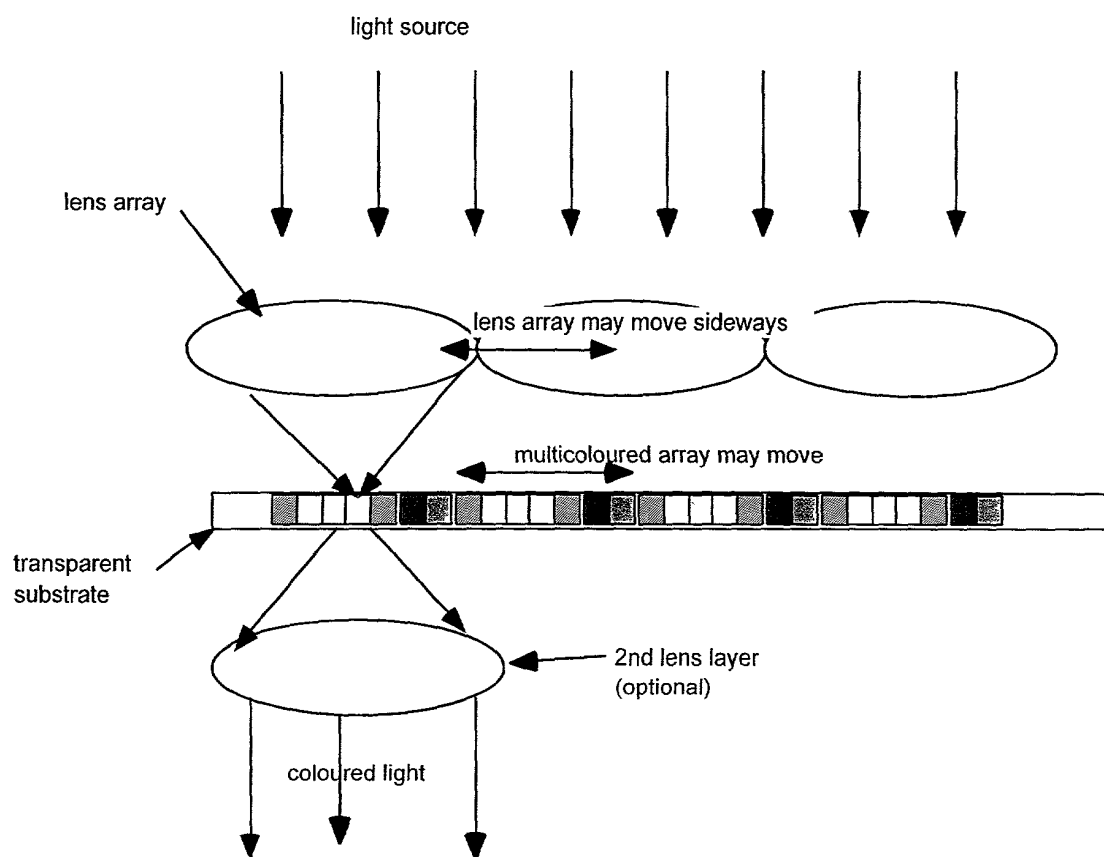


FIG 11

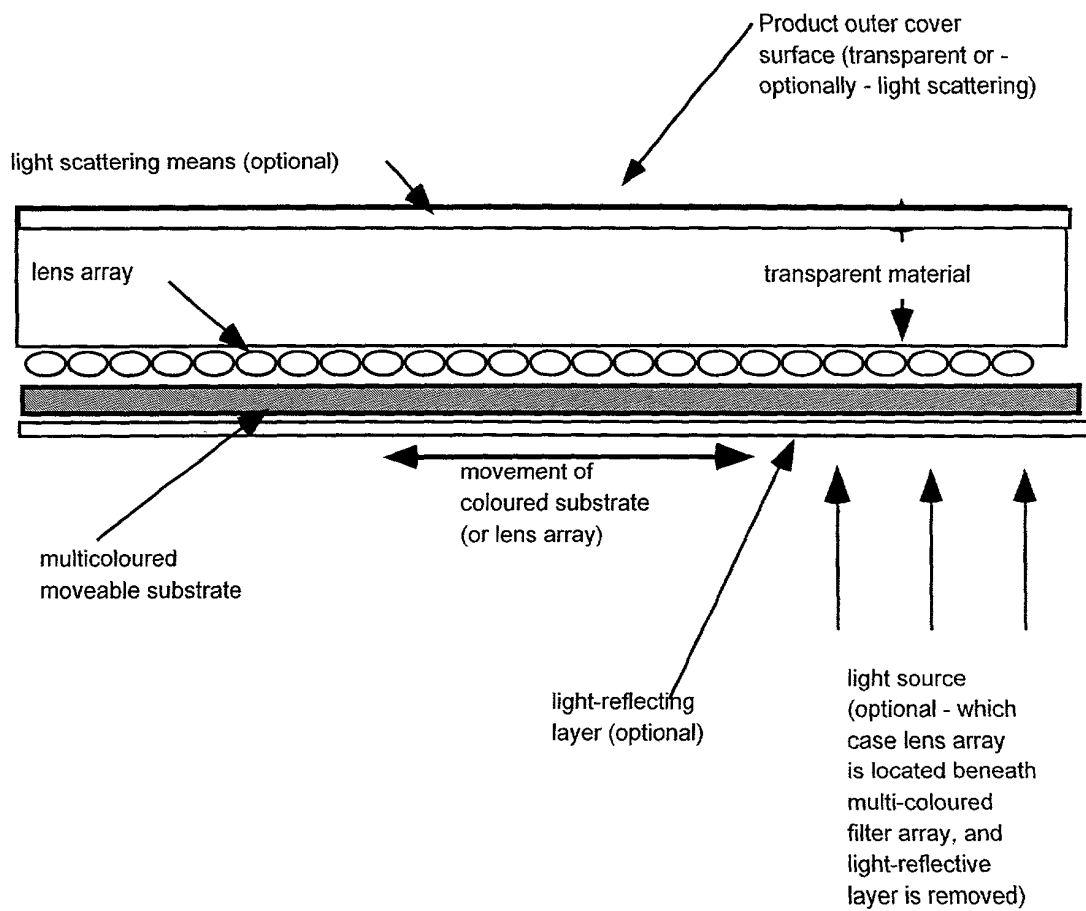


FIG. 12

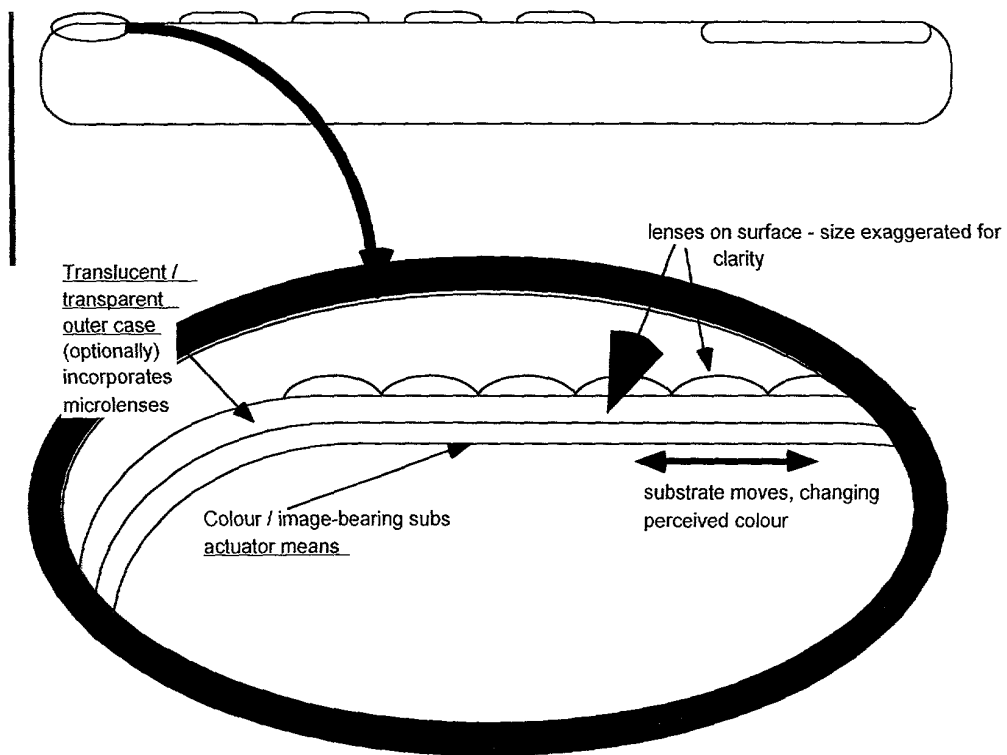


FIG. 13

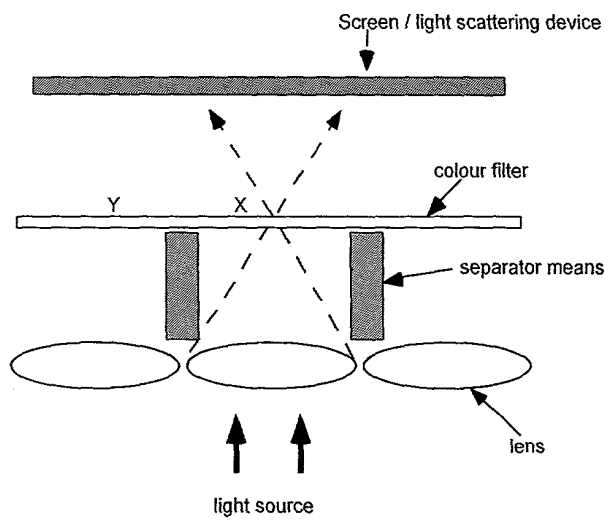


FIG. 14



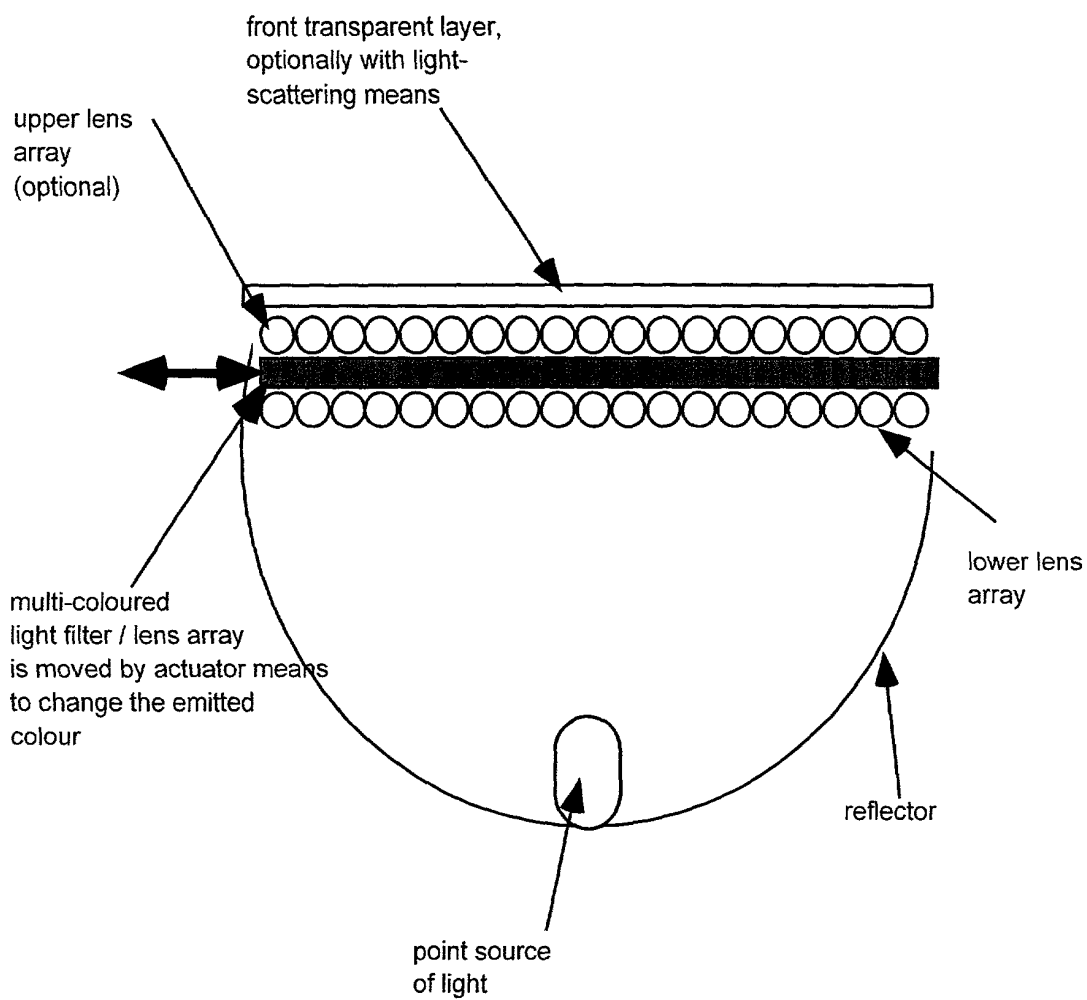


FIG. 15

Fig. 16 (a)

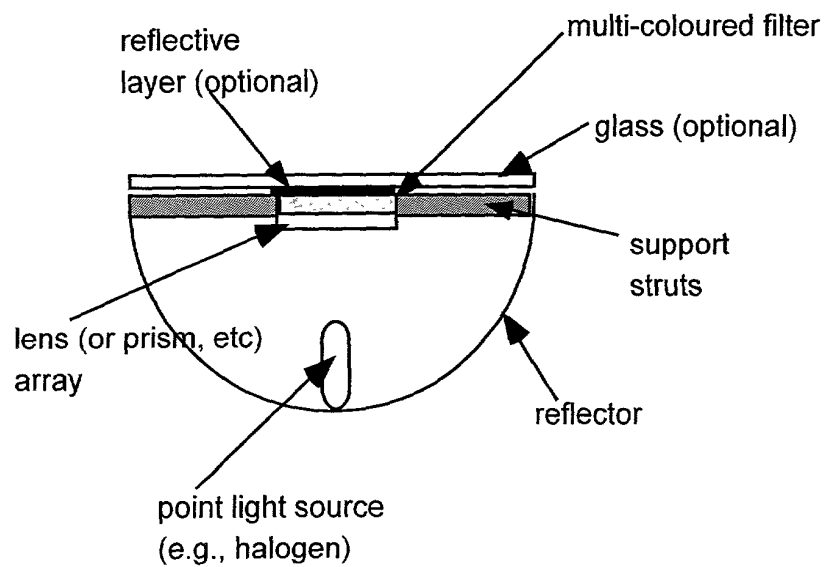
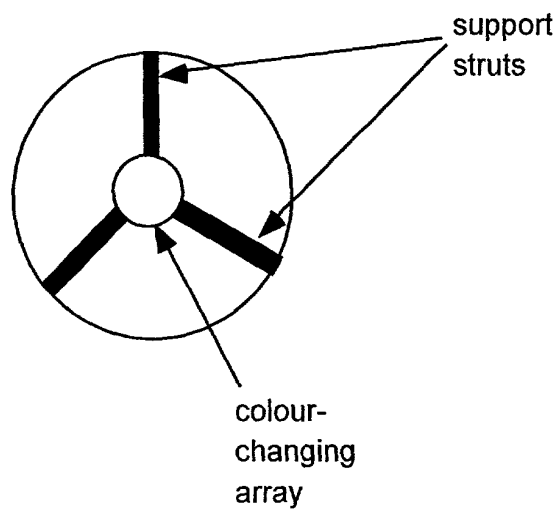


Fig. 16 (b)

Overview



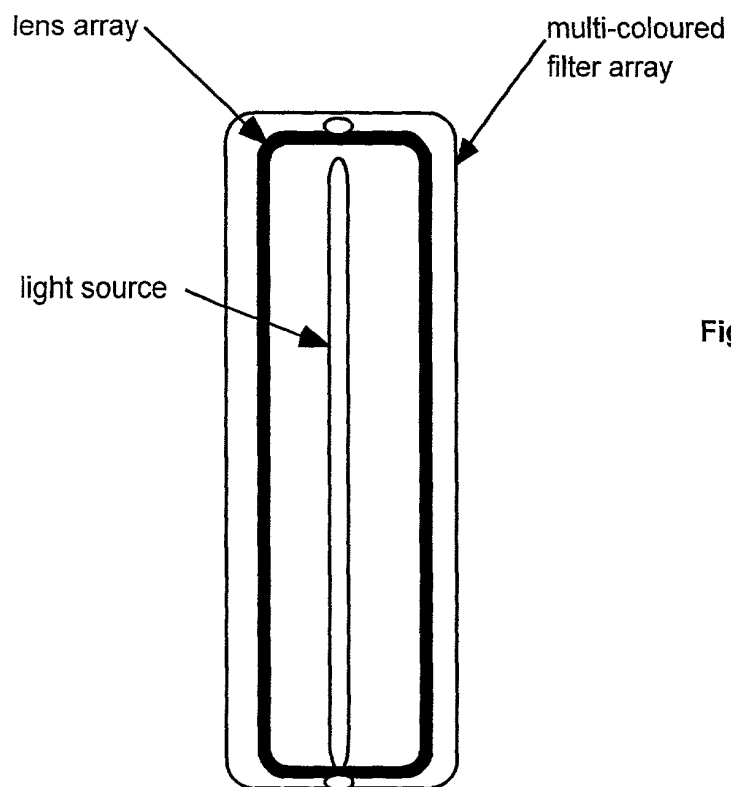


Fig. 17 (a)

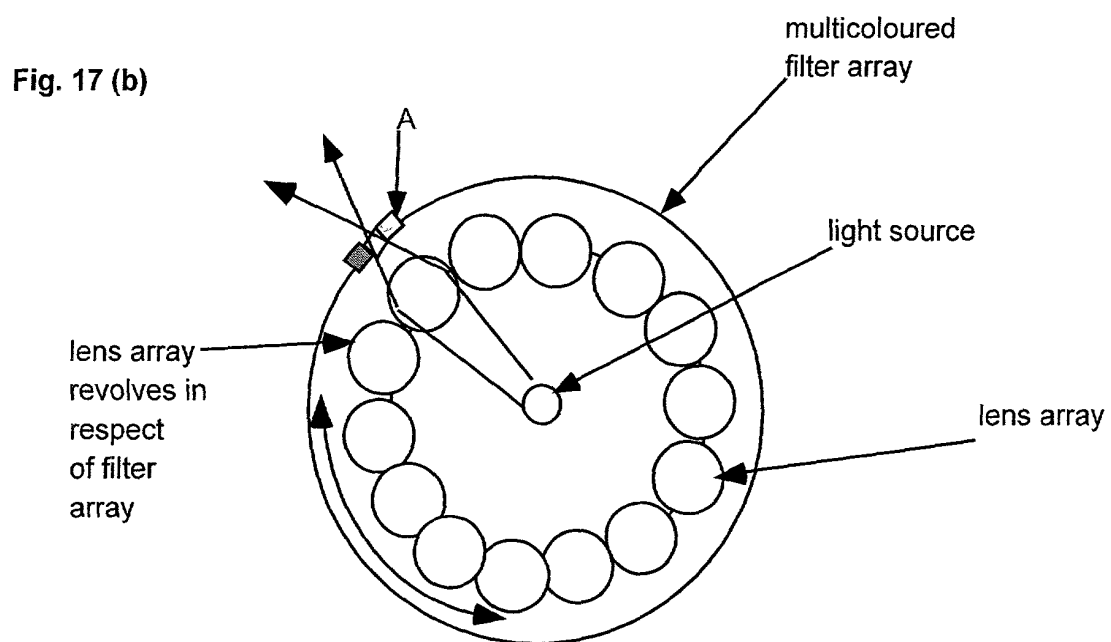


Fig. 17 (b)

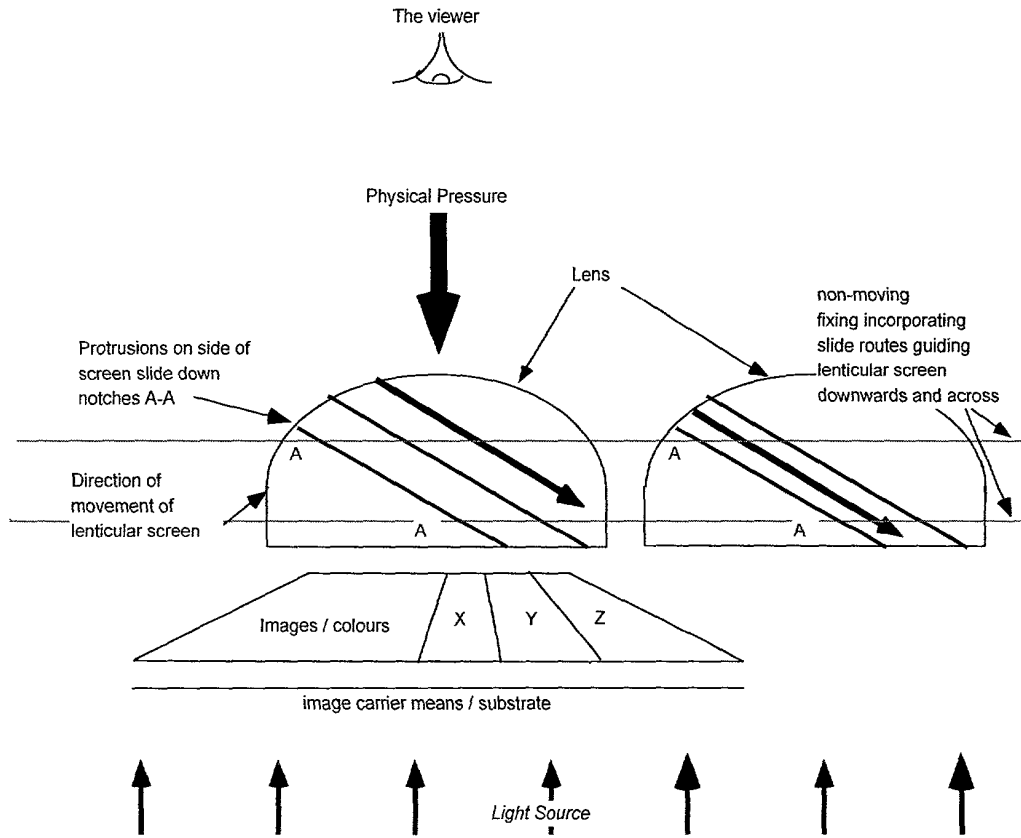


FIG. 18

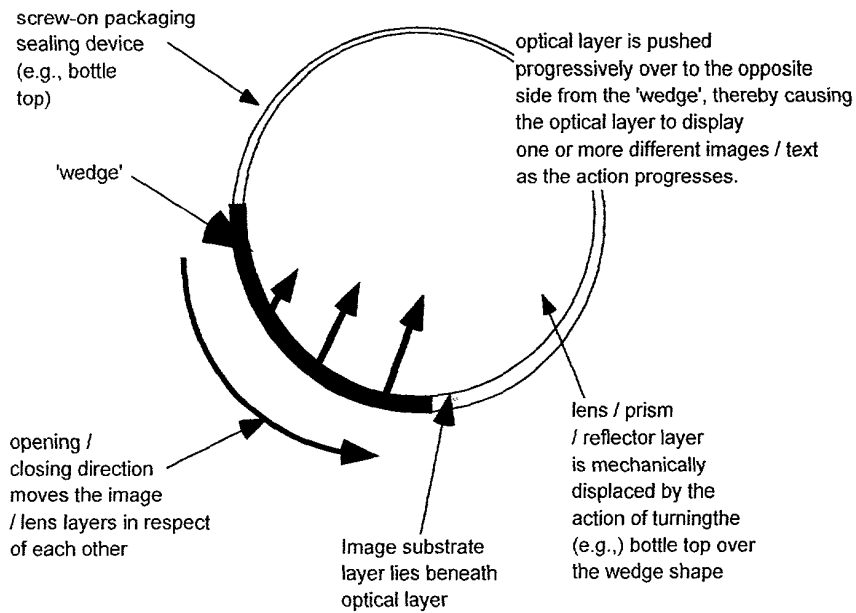


FIG 19

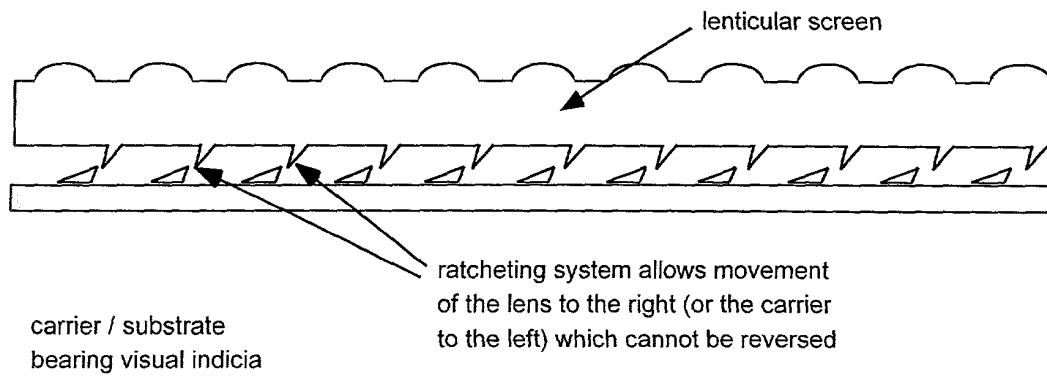


FIG. 20

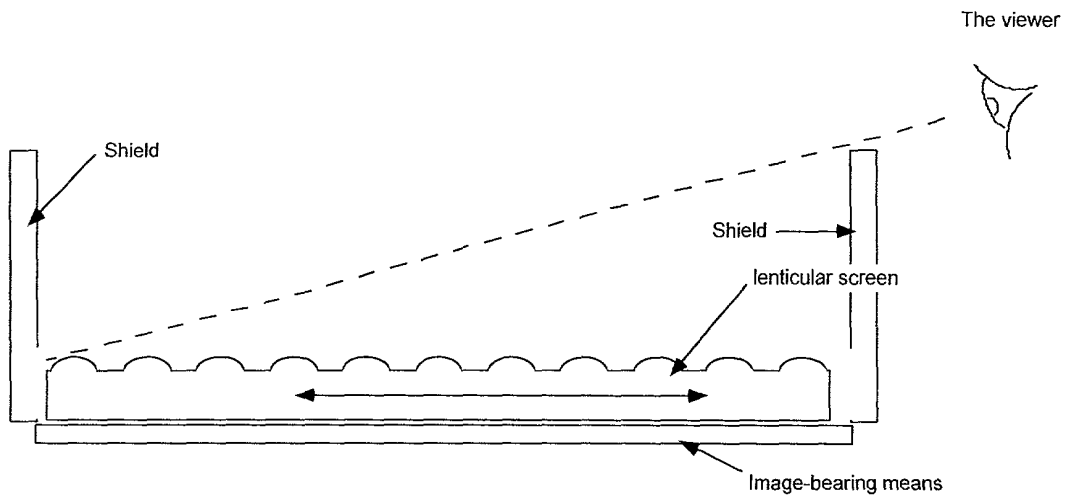


FIG. 21

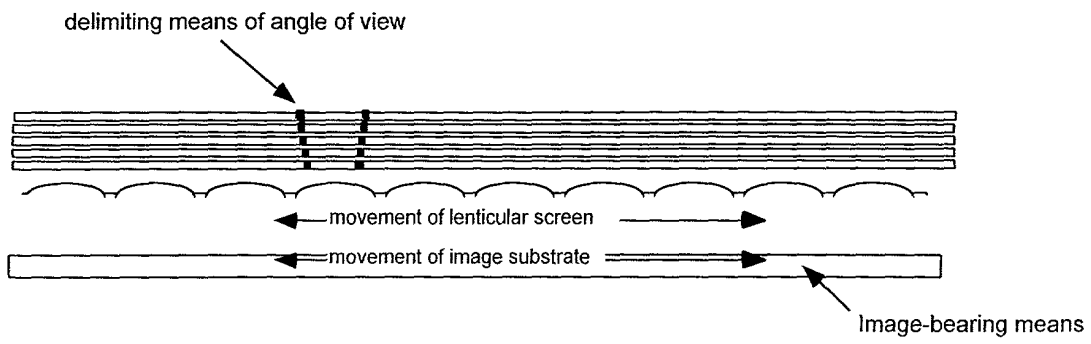


FIG. 22



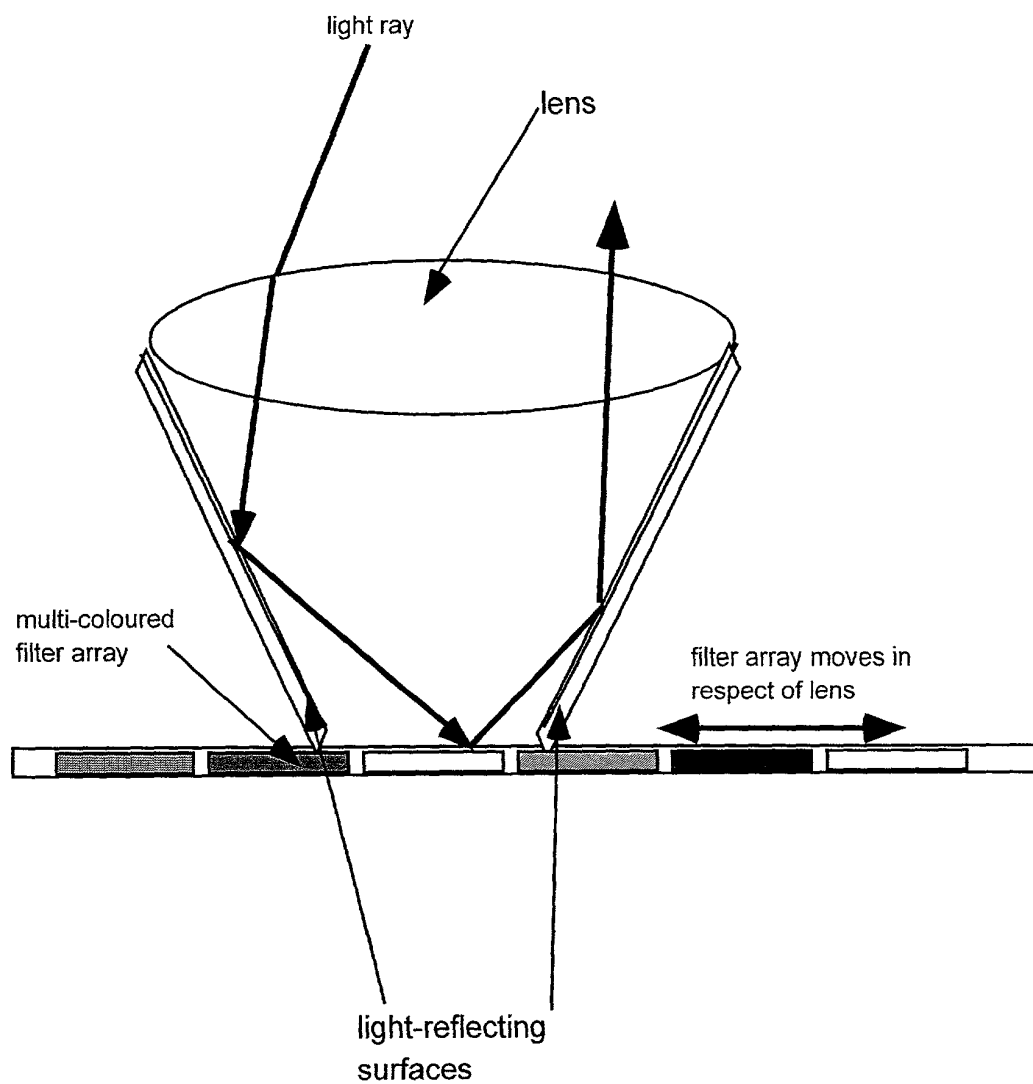


FIG. 23

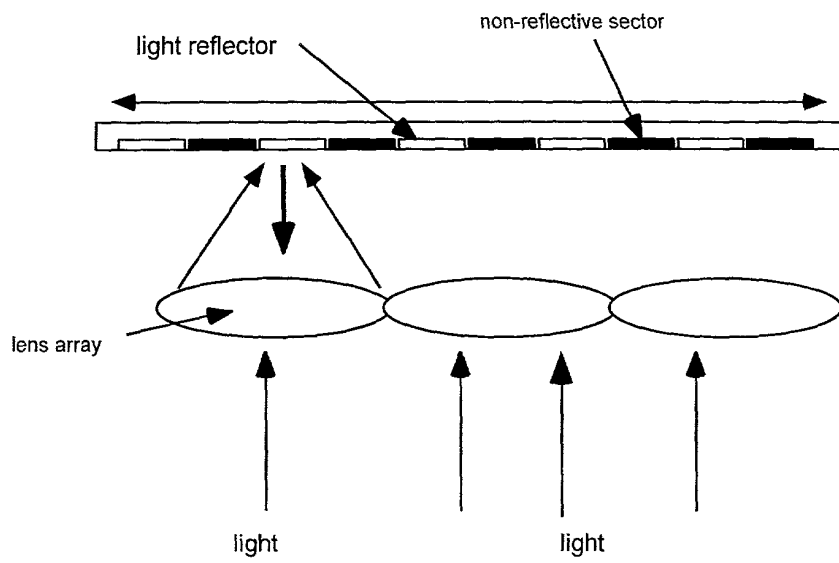


FIG. 24

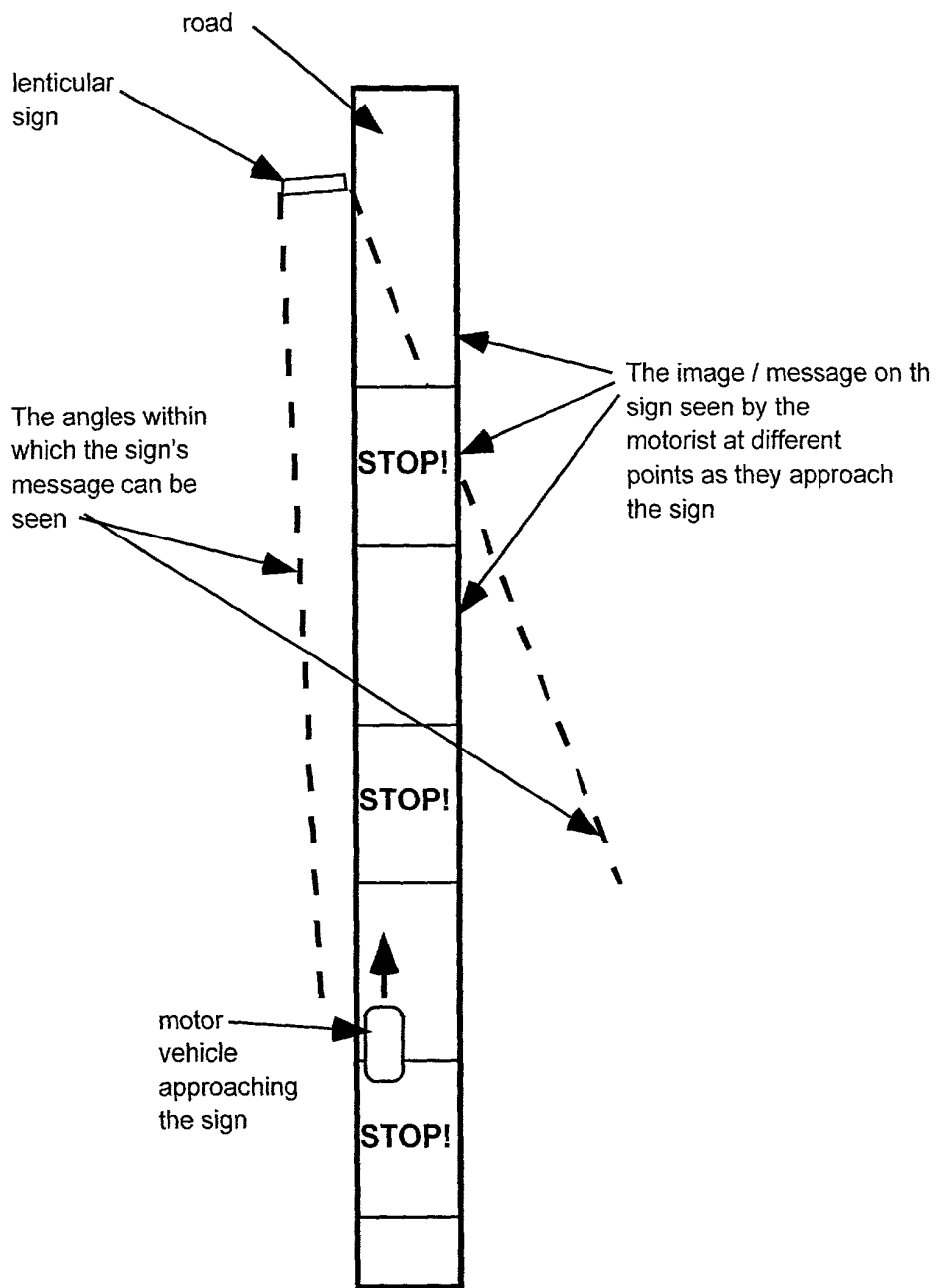
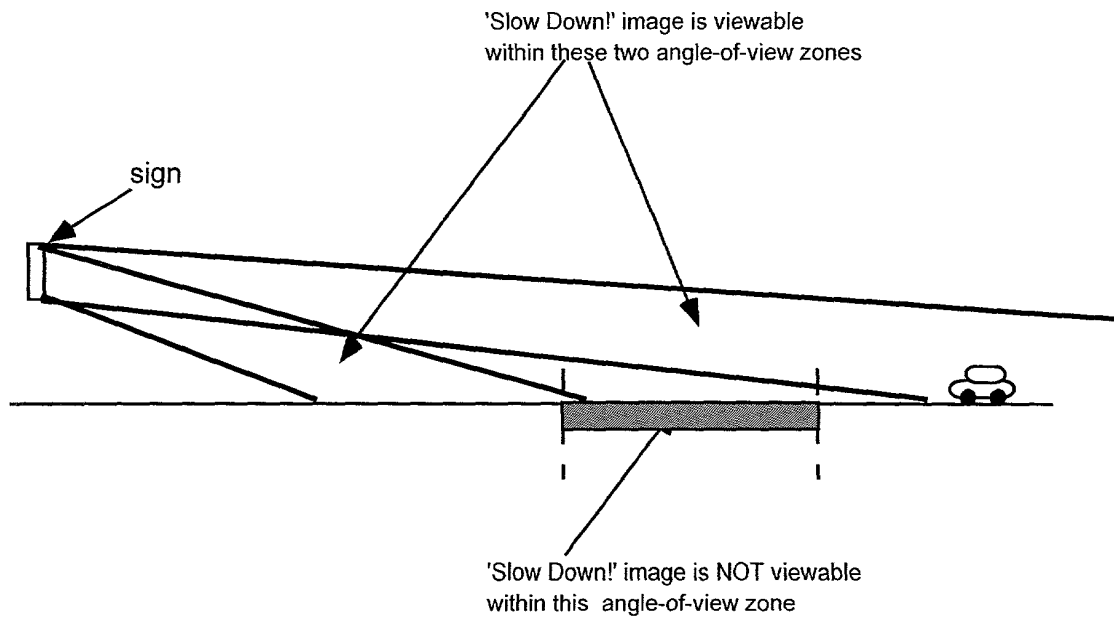


FIG. 25



F16. 26

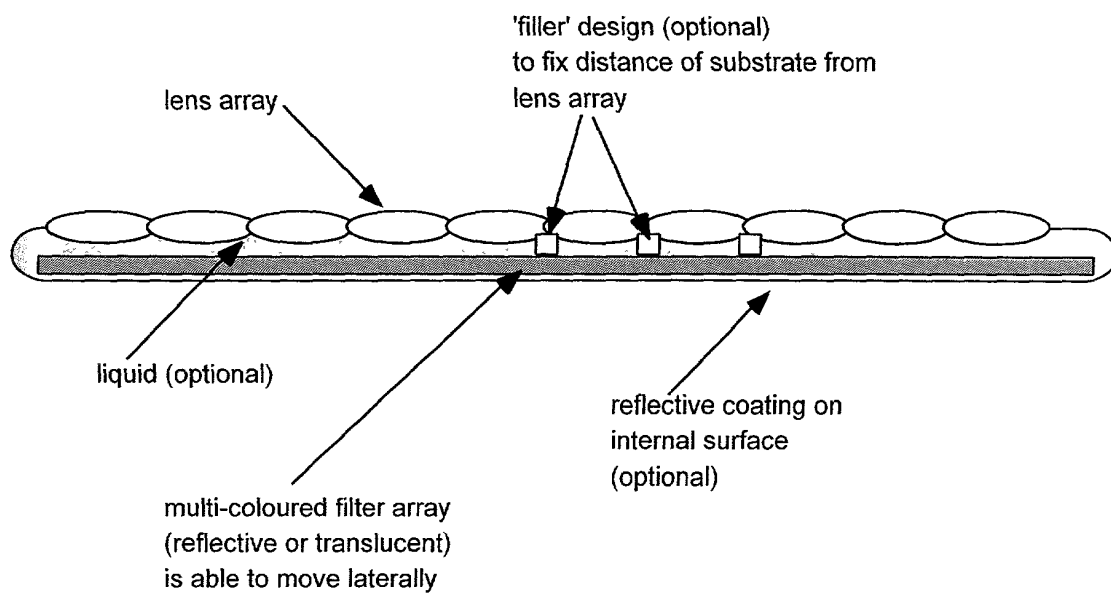


FIG. 27

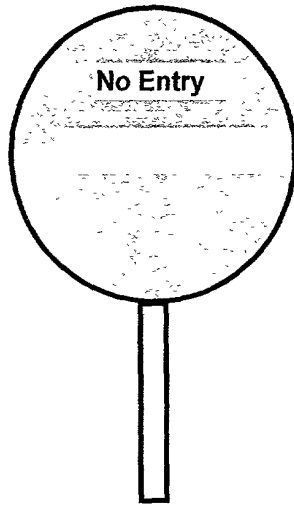
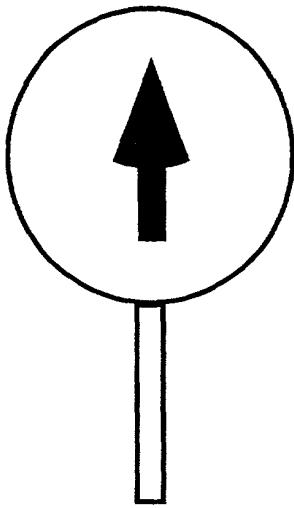


FIG. 28

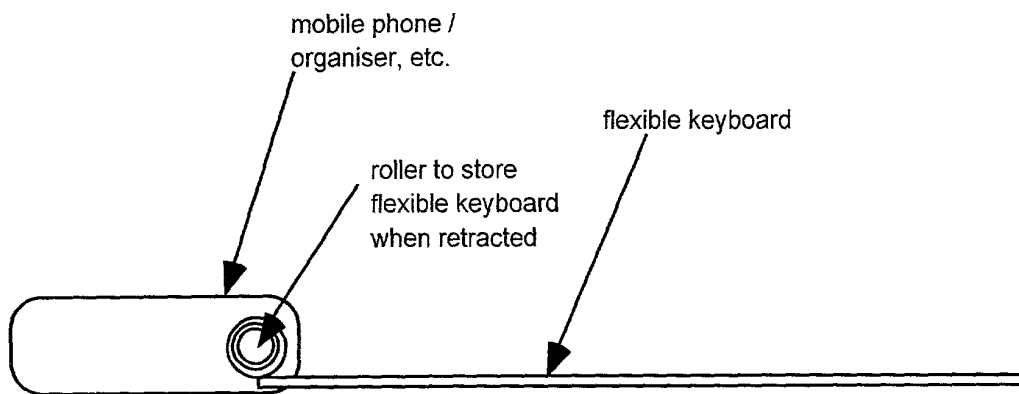


FIG. 29